

#### ABSTRACT OF THE DISCLOSURE

A magnetic sensor (10) includes a plurality of magneto-resistive elements (R1 to R8) constituting each magneto-resistive element bridge (11, 12) disposed symmetrically. When the resistance values of the magneto-resistive elements (R1 to R8) patterned are varied in accordance with the angle thereof, the deviation of the center value of the offset voltage of the bridge circuit constructed by the plural magneto-resistive elements can be eliminated.